

PATENT CLAIMS

1. Coupling for a fluid conducting system, having a coupling part into which an insertion section of a counterpart can be inserted, and having a locking part which is mounted in movable fashion on the coupling part and which possesses a detent structure which in a detent position interacts with a complementary structure configured on the insertion section for locking the counterpart and the coupling part, **characterized in that** the locking part (20) is configured with two side sections (22, 23) that are parallel to each other, that at least one longitudinal detent element (24, 25) is configured on each of the side sections' (22, 23) insides facing the coupling part (1), that a latching structure (26, 27) is present in the region of the free ends of the side sections (22, 23), that the coupling part (1) is configured with guide recesses (13) that lie opposite each other and into which the detent elements (24, 25) engage, and that the coupling part (1) is equipped in the region of one end of the guide recesses (13) with a latching structure (26, 27) that is configured complementary to the detent structure (16, 17).
2. Coupling according to claim 1, characterized in that in the region of the other end of the guide recesses (13), the coupling part (1) is equipped with a releasing structure (16, 17) that is configured in accordance with the releasing structure (18, 19).
3. Coupling according to claim 2, characterized in that the latching structure, the detent structure and the releasing structure exhibit protrusions (26, 27)

and recesses (16, 17, 18, 19) that are aligned at a right angle to the detent elements (24, 25) in the longitudinal direction of the coupling part (1).

4. Coupling according to one of the claims 1 through 3, characterized in that a relief structure (30, 31) is configured in the region of the free end of the locking part (20).
5. Coupling according to one of the claims 1 through 4, characterized in that the locking part (20) exhibits a flat top section (21) that is aligned at a right angle to the side sections (22, 23).
6. Coupling according to one of the claims 1 through 5, characterized in that the detent elements (24, 25) are tapered in the direction of an insertion side (3) of the coupling part (1).

[Attached Figures 1 – 3 do not require translation.]